

Comparisons of Job Characteristics

Focus Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)

Associated Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 66

Focus Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)
Associated Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Production and Processing | 6.0 | 17.4 | 10.2 | << | Extensive education and/or training may be required |
| Administration and Management | 8.4 | 14.0 | 6.1 | << | Extensive education and/or training may be required |
| Education and Training | 9.2 | 11.1 | 7.4 | << | Extensive education and/or training may be required |
| Mechanical | 6.8 | 10.9 | 15.0 | >> | Current knowledge level is likely more than sufficient |
| Mathematics | 9.2 | 10.6 | 13.9 | >> | Current knowledge level is likely more than sufficient |
| Personnel and Human Resources | 5.6 | 10.2 | 2.5 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 35

Focus Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)
Associated Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Time Management | 8.9 | 12.6 | 6.5 | << | Extensive development of skills in this area may be required |
| Coordination | 9.1 | 12.0 | 7.3 | << | Extensive development of skills in this area may be required |

| | | | | | |
|-----------------------------------|-----|------|-----|----|--|
| Management of Personnel Resources | 6.9 | 11.8 | 3.4 | << | Extensive development of skills in this area may be required |
| Negotiation | 6.8 | 9.8 | 3.1 | << | Extensive development of skills in this area may be required |
| Management of Material Resources | 3.7 | 5.8 | 1.7 | << | Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 64 | | | |
|--|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034) Associated Occupation: First-Line Supervisors of Production and Operating Workers (51-1011) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Oral Expression | 12.4 | 14.0 | 8.8 | << | Extensive improvement in abilities may be required |
| Oral Comprehension | 12.5 | 13.3 | 9.2 | << | Extensive improvement in abilities may be required |
| Written Comprehension | 11.0 | 12.2 | 8.1 | << | Extensive improvement in abilities may be required |
| Problem Sensitivity | 11.1 | 12.1 | 9.6 | < | Some improvement in abilities may be required |
| Deductive Reasoning | 10.6 | 11.4 | 7.4 | << | Extensive improvement in abilities may be required |
| Speech Clarity | 10.2 | 11.0 | 6.8 | << | Extensive improvement in abilities may be required |
| Written Expression | 9.8 | 11.0 | 6.2 | << | Extensive improvement in abilities may be required |
| Inductive Reasoning | 10.2 | 10.7 | 7.4 | << | Extensive improvement in abilities may be required |
| Originality | 7.6 | 9.7 | 4.2 | << | Extensive improvement in abilities may be required |
| Fluency of Ideas | 7.6 | 9.1 | 5.0 | << | Extensive improvement in abilities may be required |
| Perceptual Speed | 7.4 | 8.4 | 6.6 | < | Some improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 79 |
|--|-------------------------|---|
| Focus Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034) Associated Occupation: First-Line Supervisors of Production and Operating Workers (51-1011) | | |
| Work Activities | Exclusivity of Activity | |
| Adjust production equipment/machinery setup | 25 | |

| | |
|---|----|
| Compute production, construction, or installation specifications | 58 |
| Examine products or work to verify conformance to specifications | 15 |
| Monitor production machinery/equipment operation to detect problems | 27 |
| Read blueprints | 10 |
| Read technical drawings | 7 |
| Read work order, instructions, formulas, or processing charts | 9 |
| Set up production equipment or machinery | 51 |
| Understand technical operating, service or repair manuals | 6 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)
Associated Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.